



PATENT
Attorney Docket No. A-68718-2/RMS/RMK
Attorney File No.: 463037-00217

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

DUONG *et al.*

Serial No. 09/760,384

Filed: January 11, 2001

For: *Devices and Methods for Biochip
Multiplexing*

Art Unit: 1645

Examiner: SINES, Brian J.

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including listed enclosures, are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Date: 1/16/05

Signature

Jessica Newlin
Jessica Newlin

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
AND
STATEMENT OF RELATEDNESS**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A. Copies of these references are enclosed.

Further, in satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and as required by M.P.E.P. § 2001.06(b), Applicant notes that the present application is related to the following pending patent applications:

1. U.S.S.N. 09/904,175, filed July 11, 2001; and U.S.S.N. 09/993,342, filed November 5, 2001; U.S.S.N. 10/412,660, filed April 11, 2003;

2. U.S.S.N. 08/873,978, filed June 12, 1997; U.S.S.N. 09/557,429, filed April 21, 2000;
3. U.S.S.N. 08/873,597, filed June 12, 1997; U.S.S.N. 10/241,376, filed September 11, 2002;
4. U.S.S.N. 09/841,809, filed April 24, 2001;
5. U.S.S.N. 10/714,489, filed November 14, 2003;
6. U.S.S.N. 09/440,371, filed November 12, 1999; U.S.S.N. 09/520,477, filed March 8, 2000; U.S.S.N. 09/712,792, filed November 13, 2000; U.S.S.N. 10/823,503, filed April 12, 2004;
7. U.S.S.N. 09/295,691, filed April 21, 1999;
8. U.S.S.N. 10/746,903, filed December 23, 2003;
9. U.S.S.N. 09/245,105, filed January 27, 1999; and
10. U.S.S.N. 09/847,113, filed May 1, 2002; U.S.S.N. 10/823,502, filed April 12, 2004.

Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application. Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

Pursuant to 37 C.F.R. §1.97(c), enclosed is a check in the amount of \$180.00 as set forth in 37 C.F.R. §1.17(p). While no fee is believed to be due, if this belief is in error, the Commissioner is authorized to charge any additional fees which may be

Serial No.: 09/760,384
Filed: January 11, 2001

required, or credit any overpayment to Deposit Account No. 50-2319 (File No.: 463037-00217; Docket No.: A-68718-2).

Please direct further questions in connection with this Application to the undersigned at (415) 781-1989.

Respectfully submitted,
DORSEY & WHITNEY LLP

Dated: 1/18/05

Customer No.: 32940

Four Embarcadero Center
Suite 3400

San Francisco, CA 94111-4187

Telephone: (415) 781-1989

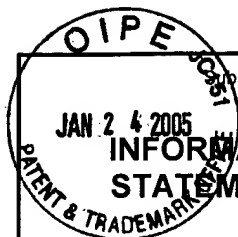
Facsimile: (415) 398-3249

By: 

Renee M. Kosslak, Reg. No. 47,717 for
Robin M. Silva, Reg. No. 38,304

Filed Under 37 C.F.R. § 1.34

Attachments: Form SB/08/A-B, substitute for Form PTO-1449
68 cited references
Check for \$180.00


 Substitute for form 1449A/PTO
(Modified)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/760,384
Filing Date	January 11, 2001
First Named Inventor	DUONG, Hau H.
Art Unit	1743
Examiner Name	SINES, Brian J.
Attorney Docket Number	A-68718-2/RFT/RMS/RMK (463037-00217)

 Sheet **1** of **3**
U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	3,619,511	11-09-1971	Ishikawa	
	A2	4,072,576	02-07-1978	Arwin et al.	
	A3	5,038,852	08-13-1991	Johnson et al.	
	A4	5,100,775	03-31-1992	Smyczek et al.	
	A5	5,126,034	06-30-1992	Carter et al.	
	A6	5,164,319	11-17-1992	Hafeman et al.	
	A7	5,238,808	08-24-1993	Bard et al.	
	A8	5,532,128	07-02-1996	Eggers et al.	
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	A14	5,670,322	09-23-1997	Eggers et al.	
	A15	5,846,708	12-08-1998	Hollis et al.	
	A16	5,856,174	01-05-1999	Lipshutz et al.	
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	A18	5,871,918	02-16-1999	Thorp et al.	
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	A21	5,891,630	04-06-1999	Eggers et al.	
	A22	5,922,591	07-13-1999	Anderson et al.	
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	A24	5,942,397	08-24-1999	Tarlov et al.	
	A25	5,942,443	08-24-1999	Parce et al.	
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	A31	5,989,402	11-23-1999	Chow et al.	
	A32	6,221,583 B1	04-24-2001	Kayyem et al.	

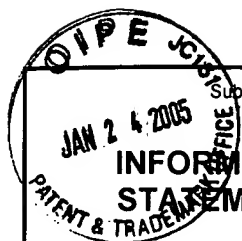
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Substitute for form 1449A/PTO (Modified)			Complete if Known		
			Application Number	09/760,384	
			Filing Date	January 11, 2001	
			First Named Inventor	DUONG, Hau H.	
			Art Unit	1743	
			Examiner Name	SINES, Brian J.	
Sheet	2	of	3	Attorney Docket Number	A-68718-2/RFT/RMS/RMK (463037-00217)

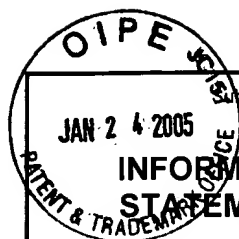
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	A33	6,264,825 B1	07-24-2001	Blackburn et al.	
	A34	6,290,839 B1	09-18-2001	Kayyem et al.	
	A35	6,479,240 B1	11-12-2002	Kayyem	
	A36	6,495,323 B1	12-17-2002	Kayyem et al.	
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	A38	6,740,518 B1	05-24-2004	Duong et al.	
	A39	2002/0006643 A1	01-17-2002	Kayyem et al.	
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	A41	2003/0150723 A1	08-14-2003	Kayyem et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	B1	EP 0 142 301 A2	05-22-1985	Serono Diagnostics Ltd.		
	B2	EP 0 213 825 A2	03-11-1987	Molecular Devices Corp.		
	B3	WO 93/25898 A1	12-23-1993	Medisense, Inc.		
	B4	WO 96/06946 A1	03-07-1996	Igen, Inc.		
	B5	WO 98/01758 A1	01-15-1998	Nanogen, Inc.		
	B6	WO 98/05424 A1	02-12-1998	Caliper Technologies Corp.		
	B7	WO 98/12359 A1	03-26-1998	Meso Scale Technologies, LLC		
	B8	WO 98/15893 A1	04-16-1998	Advanced Risc Mach Ltd.		
	B9	WO 98/35232 A2/A3	08-13-1998	University of North Carolina at Chapel Hill		
	B10	WO 98/50154 A1	11-12-1998	University of Minnesota		
	B11	WO 99/29711 A1	06-17-1999	Nanogen, Inc.		
	B12	WO 99/33559 A1	07-08-1999	Cepheid		
	B13	WO 00/16089 A2/A3	03-23-2000	Clinical Micro Sensors, Inc.		
	B14	WO 00/62931 A1	10-26-2000	Clinical Micro Sensors, Inc.		
	B15	WO 01/06016 A2/A3	01-25-2001	Clinical Micro Sensors, Inc.		
	B16	WO 01/35100 A2/A3	05-17-2001	Clinical Micro Sensors, Inc.		
	B17	WO 01/54813 A2/A3	08-02-2001	Clinical Micro Sensors, Inc.		

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			First Named Inventor	DUONG, Hau H.	
			Art Unit	1743	
			Examiner Name	SINES, Brian J.	
Sheet	3	of	3	Attorney Docket Number	A-68718-2/RFT/RMS/RMK (463037-00217)

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	B18	WO 02/43864 A2/A3	06-06-2002	Clinical Micro Sensors, Inc.		

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ⁶
	C1	BURNS, M., et al., "An integrated nanoliter DNA analysis device," <i>Science</i> 282(5388):484-487 (Oct. 1998).				
	C2	CULLISON, J., et al., "Cyclic voltammetry with harmonic lock-in detection: applications to flow systems," <i>Electroanalysis</i> 8(4):314-319 (Apr. 1996).				
	C3	HALL, D., et al., "Sensitivity of DNA-mediated electron transfer to the intervening π -stack: a probe for the integrity of the DNA base stack," <i>J. Am. Chem. Soc.</i> 119(21):5045-5046 (May 1997).				
	C4	HERNE, T.M., et al., "Characterization of DNA probes immobilized on gold surfaces," <i>J. Am. Chem. Soc.</i> 119(38):8916-8920 (Sep. 1997).				
	C5	LAIBINIS, P., et al., "Orthogonal self-assembled monolayers: alkanethiols on gold and alkane carboxylic acids on alumina," <i>Science</i> 245:845-847 (Aug. 1989).				
	C6	LIU, S., et al., "Voltammetric determination of sequence-specific DNA by electroactive intercalator on graphite electrode," <i>Anal. Chim. Acta</i> 335(3):239-243 (Dec. 1996).				
	C7	MIKKELSEN, S., "Electrochemical Biosensors for DNA Sequence Detection," <i>Electroanalysis</i> 8(1):15-19 (1996).				
	C8	SMALLEY, J., et al., "Kinetics of electron transfer through ferrocene-terminated alkanethiol monolayers gold," <i>J. Phys. Chem.</i> 99(35):13141-13149 (Aug. 1995).				
	C9	WELCH, T., et al., "Distribution of metal complexes bound to DNA determined by normal pulse voltammetry," <i>J. Phys. Chem.</i> 100(32):13829-13836 (Aug. 1996).				

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